

Mapline

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The Newberry Library*

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Conserving Fragments of our Cartographic Heritage



Northeastern sheet, James T. Palmatary, *Chicago* (1857). The Newberry Library.

In a library like the Newberry, with its substantial collection of antiquarian maps, there is always plenty of work for a paper conservator -- always far more, really, than available time and material resources will allow me to undertake. As a result, deciding which maps will get conservation treatment and how soon, is rather like the triage doctors perform in the aftermath of disasters or in war zones. In many cases, items are beyond repair, or else, repairing them might do more harm than good. Almost every map in the Newberry will need some sort of treatment eventually, but most are stable and can wait. Others are in urgent need of help, but only a few of these are singled out for treatment, because they are especially rare or unusual, valuable, or subject to frequent use. As a general rule, the curatorial staff, headed by Bob Karrow, suggests items in need of treatment. New acquisitions get a high level of attention, as do high use items, such as maps of Chicago.

In the case at hand, *Chicago*, a large lithographic view on eight sheets by James T. Palmatary (Chicago: Braunhold & Sonne, 1857), both rarity and potential high use were factors. The view came to the Newberry along with the Rand McNally Collection, which was donated to the library by Rand McNally and Co. in 1988. Like most materials printed in Chicago before the great fire of 1871, Palmatary's view is quite rare; three other copies are recorded. Two of these, it turns out, are just down the street in the Chicago Historical Society, but since the view is among the most important early topographic images of Chicago, we were certain that it many of our readers would want to use it. [The view is item 4-0357 in David Cobb and Marsha Selmer, ed., *Checklist of Printed Maps of the Middle*

The Hermon Dunlap Smith Center for the History of Cartography was founded in 1972 at The Newberry Library to promote the study of the history of cartography through research projects, fellowships, courses of instruction, and publications. Further information about the Center is available on request from the Director, David Buisseret.

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Editor's note: The author of this article, Robert Bowker, was the paper conservator at the Newberry from 1989 until Spring of this year, when he returned to his native England. His responsibilities included the conservation of manuscript letters, prints, and broadsides, but his main interest, while at the Newberry, was the conservation of maps. Mr. Bowker devoted considerable energy to the challenges of preserving nineteenth-century American wall maps, including many county landownership maps, which are often tattered, pulling away from their wooden rollers, and coated with a destructive layer of shellac varnish which must be carefully removed. These maps are also unwieldy, often reaching dimensions of six feet or more in either direction, and as a general rule cannot be stored properly or easily used unless they are carefully broken down into their constituent sheets. We thought that our readers might enjoy his account of the problems encountered and solutions developed in the conservation treatment of one such recent acquisition. Needless to say, we miss him terribly.

West to 1900: Vol. 4, Illinois (Boston: G.K. Hall, 1981); and item 800 in John Reys, *Views and Viewmakers of Modern America* (Columbia: University of Missouri Press, 1984).]

I must say that I was attracted to the idea of working on the Palmatary view of Chicago by the particular challenges it posed. Conserving the view was the most difficult job I ever had to tackle, and I should like to acknowledge the invaluable assistance at every step that I received from Solveig Nilssen, one of the Newberry's Conservation Technicians.

Once the curator of maps has singled out a map or view for conservation treatment, my first tasks are to decide what parts of the item should be treated and what procedures are appropriate. These decisions are informed by several factors: the type of paper used; the printing processes employed; whether or not the map is hand colored (and the composition of the pigments); and how the finished product is to be stored and used. I am especially concerned that the map is conserved in such a way that it will be "reader-friendly." I try also to follow the conservator's dictum that nothing that is to be done to a map should be detrimental to its stability or should be irreversible, if better techniques are developed in the future.

This view, which was printed on eight sheets and measures 115x207cm (45 1/2x82in.) when assembled, came to the library with, to say the least, many problems. It was mounted on a roller which



Detail of the mouth of the Chicago River, from Palmatary's view of Chicago.

had to be removed. Its varnish had eaten into the lithographic image in several places, causing some loss of the image. It was badly torn in spots, cracked, and brittle. Many loose fragments had to be attended to, and the cloth backing would have to be removed. The image itself was just plain dirty,

and some loss had occurred.

As a first step, the rollers to which the view had been attached were removed, the view was separated into four sections, and the sheets flattened by spraying the cloth backing with de-ionized water to relax them. Then color photographs were made, the



Piecing together a sheet of the Palmatary view with Japanese paper strips. Above: before. At right: after.

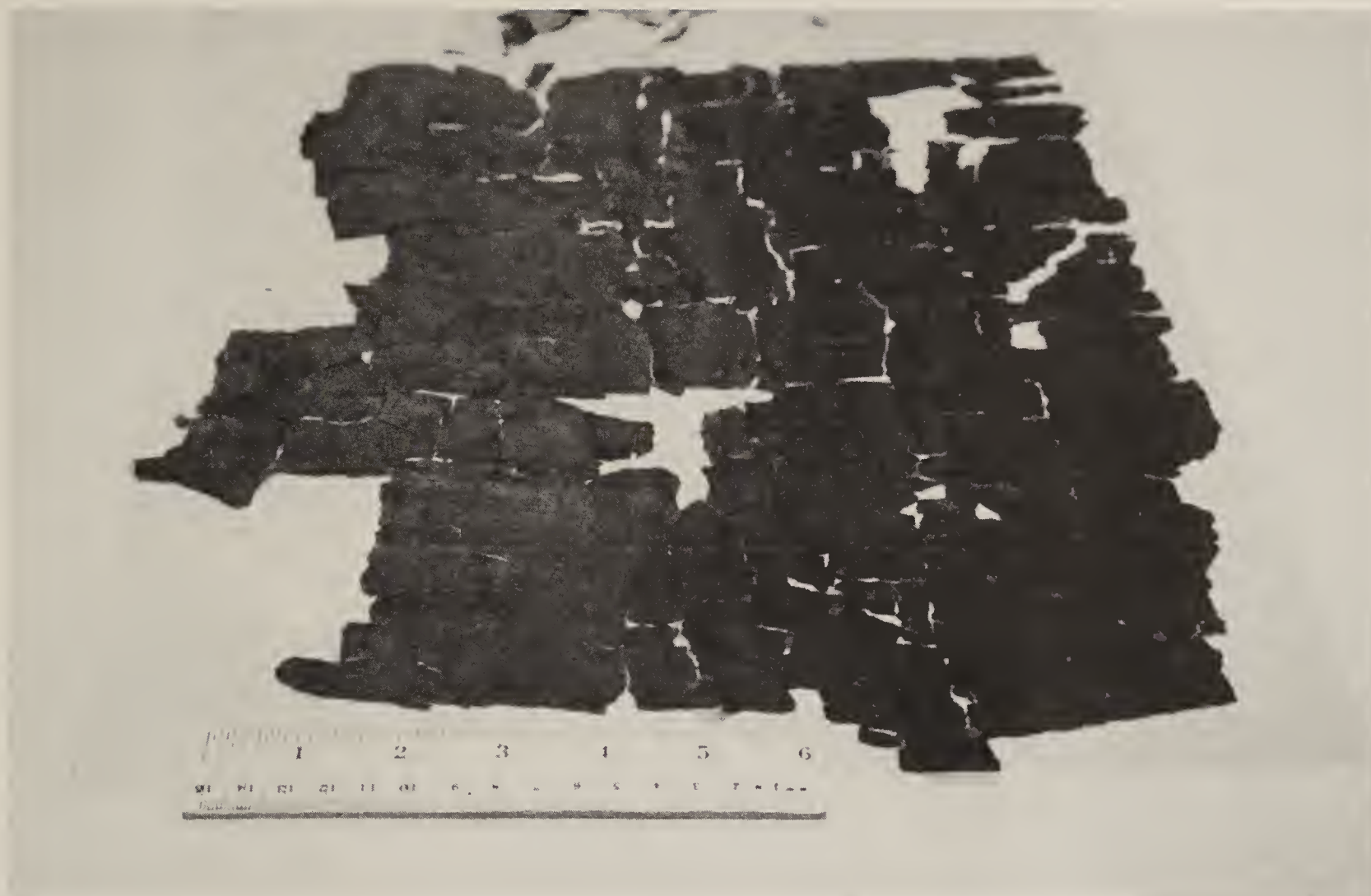
first of several sets that would serve as a permanent record of the view's original condition and its treatment.

Owing to the extreme fragility of the view the dry surface cleaning I might normally apply -- this usually is nothing more than a soft eraser -- was kept to a minimum and limited mostly to the cloth backing of the view.

Before beginning, I had experimented with a new method of shellac varnish removal, originally devised by Professor Richard Wolbers at the University of Delaware for use on paintings. This method has been adapted for use on paper; in the 1992 *Book and Paper Annual* I found a very helpful article describing this adapted technique by Tatyana Petukhova, a conservator at Cornell University Library. A piece of strong Japanese paper is laid over the view to support it. (Japanese papers are valued by conservators because they are pH neutral, very thin and lightweight, yet very strong because of the unusually long fibers used in their manufacture.) A special gel is then spread over the paper assembly. The gel layer softens and absorbs the var-

nish, which can then be removed with the Japanese paper. I had had fairly good luck with this technique when I tried it on two nineteenth-century railroad maps Pat Morris, the Newberry's Map Reference Librarian, had found for me in the collections, but the method produced little result with the Palmatary view. So I reluctantly decided to remove the varnish in the more traditional -- and potentially more destructive -- way, by swabbing or brushing the varnish away with alcohol. Special care was taken with the crumbling surface of the view, but even so the treatment entailed some slight loss of image.

The next stage was the removal of the cloth backing. Each of the view's four sections was dampened by gently spraying it front and back with water, so that the backing could be easily peeled away. At this point I discovered that there was a second, paper backing which would not come away so easily. The sections had to be dampened once again, and the paper eased away carefully. The trick here was to somehow keep the various fragments of the view in place, while removing that which had



previously kept them in place. Three of the view's four sections were then washed and chemically stabilized by immersion in a shallow bath of de-ionized water, to which was added calcium hydroxide to neutralize the paper's natural acids. Each sheet was supported on Reemay, a polyester fabric, in the hope of keeping the fragments of the view in place during its bath. This worked fairly well, but some small pieces managed to float away. These were rescued, and all but a very few were replaced, jigsaw puzzle-like, in their original spot. The tiny remainder were eventually stored separately in a "fragment file" in the library's conservation lab, awaiting a better puzzle-solver.

The one remaining sheet, which still had its paper backing, had yet to be treated. To prevent the dislocation of small fragments of this sheet we decided to wash and deacidify it in a different way. A stack of six sheets of blotting paper that had been saturated with water and calcium hydroxide was prepared, and piece of Reemay placed on top. The fourth sheet, topped by another sheet of Reemay, was laid on top of this stack and relaxed by spraying it with the same water/deacidificant mixture. When completely relaxed, the Reemay/view sandwich

was removed from the stack to the another working surface, where the paper backing was removed, this time with far less dislocation of loose fragments.

Then began the long procedure of piecing the view back together. First of all, small strips of Japanese paper were affixed strategically to the backs of the fragments and used as tabs to reattach the fragments to each other. The four sheets were then backed, using a wheat-based paste, with extra-thin Japanese paper and dried. Then a second, heavier Japanese paper backing was applied which would give the sheets the added strength to endure use by library readers. After further drying, a thin solution of methyl cellulose, a sizing agent, was brushed over the surface of the sheets. When the sheets had dried they were put under heavy weights between clean, dry blotters, where they remained for two weeks to flatten and stabilize. Each of the four sections could then be encapsulated in mylar envelopes which would support the sheets and protect their surfaces for years to come.

Robert Bowker
The Newberry Library

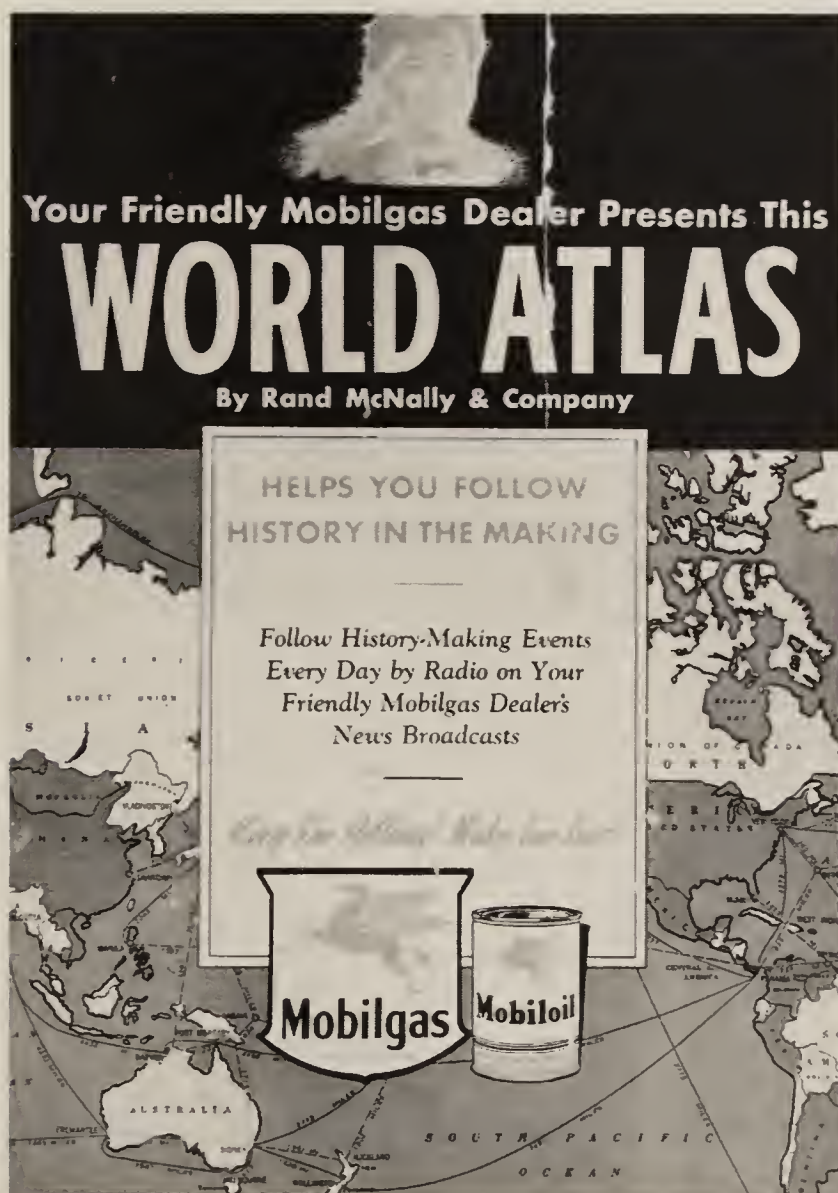


Detail of central Chicago, from the Palmatary view, after repair.

Smith Center Announcements

Smith Center Fellows

Susan Schulten, a graduate student in History at the University of Pennsylvania, was a Smith Center Fellow from early April until June. Susan's dissertation-in-progress, "Geography and the American Mind, 1880-1950," examines the changes in American popular geographical thought during the emergence of the United States from its self-imposed isolation to an imperial and super-power. Her research embraces the publications of the National Geographic Society, school geographies, and popular maps and atlases. She came here specifically to work with the Rand McNally



Collection.

Margaret Pearce, a graduate student in geography at Clark University, was here in June and July also to do work contributing to her dissertation on the mid-seventeenth century Indian deeds of southern New England. Ms. Pearce is especially interested in the cartographic content of these deeds, of which 164 are known, including several here in the Newberry. Margaret has also received a Jeanette D. Black Memorial Fellowship to continue this work at the John Carter Brown Library in Providence.

Jack Jackson, an independent scholar from Pandora, Texas, was here as a fellow for four weeks in July. Jack has been researching and writing about the cartographic history of the American Southwest and the Gulf Coast for many years. His fellowship allowed him to continue that work and to gather materials for a guide to Newberry maps relating to that part of the country, which he hopes eventually to publish.

Dr. Claude Boudreau (Archives Nationales de Québec), who was a Smith Center Fellow in 1987 has had published *La cartographie au Québec, 1760-1840*, by Les Presses de l'Université Laval.

Gerald A. Danzer (HDSC fellow, 1989-90; History, University of Illinois at Chicago) is co-editor (with Jacqueline Wolf) of *Source Maps and the Social Studies: Essays, Lesson Plans, and Materials from Cartographic Traditions in Western Civilization*. This sourcebook for secondary and upper primary school teachers grew out of "Cartographic Traditions in Western Civilization," a 1992 summer institute co-organized by Dr. Danzer and funded by the National Endowment for the Humanities. The 136-page illustrated book was published as part of the University of Illinois at Chicago World History Project.

In November 1993 Catherine Delano Smith (HDSC fellow, 1988 and 1990), was elected editor of *Imago Mundi*, the international journal of the history of cartography. She is co-editor of this year's volume (46) with the late Professor Eila Campbell, who had been editor since 1971 and who died on 12 July 1994, and will be sole editor beginning with 1995's volume. Dr. Delano Smith was also the recipient of this year's IMCoS-Tooley Award (see *Briefly Noted*).

David Fausett (HDSC fellow, 1991) has recently published two books based on his research on the interaction between the literature and cartography of exploration, discovery, and utopia in Australasia.

He is author of the monograph *Writing the New World: Imaginary Voyages and Utopias of the Great Southern Land* and translator and editor of *The Southern Land, Known*, a new edition of Gabriel de Foigny's *La Terre Australe Connue*, first published in 1676. Both books were published by Syracuse University Press.

Professor Alexei Postnikov, who was a long-term Smith Center Fellow from November 1993 through April of this year, has stayed in Chicago for an additional five months to begin work on a catalogue of the Karpinski Collection of photostats of manuscript maps relating to America in major European archives. Dr. Postnikov will also find time, we hope, to continue his valuable research on Russian-American contacts in the mapping of the former Russian America.

Smith Center Staff

David Buisseret has turned journalist? His three-part article entitled "La cartografía jesuítica en Centro y Sudamérica" appeared on the 17 February, 24 February, and 4 March issues of *La Nueva Provincia*, a newspaper published in Bahia Blanca, Argentina.

In April, David attended the inaugural meeting of the "European Expansion and Global Reaction Forum," sponsored by the John Carter Brown Library and Brown University. This organization will provide a mechanism for regular meetings and discussion concerning the central fact of all modern history, namely the surge of Europe outward to every corner of the world and the enormous, incalculable consequences of that drive, both to cultures outside of Europe and to Europe itself. Members of this forum propose to organize a special panel at the Chicago meeting of the American Historical Association in December 1994.

Also in April, Assistant Director Jim Akerman delivered a paper entitled "Happy Motoring: Tourists and the Good Life in American Road Map Cover Art, 1918-1973" to the annual meeting of the Popular Culture Association here in Chicago.

Claire Hamilton Akerman was born to Jim Akerman and Luann Hamilton on 13 March 1994. She is the happy couple's second child.

Sarah Marie Vanderheyden was born to the Smith Center's program assistant Tina Reithmaier

and Jim Vanderheyden on 29 June 1994. She is Tina and Jim's fifth child and their second daughter. Your editor, who struggles with only two (see above), cannot comprehend how Tina and Jim manage it.

Briefly Noted

Conferences and Exhibitions

An international, scholarly conference, *Reading the World: Historic and Contemporary Perspectives on Maps*, will be held at the University of Southern Maine, Portland, on 14-16 October 1994. The conference will coincide with the inaugural season of the Osher Map Library and Smith Center for Cartographic Education at the University of Southern Maine. The opening evening of the conference will be devoted to a popular audience program featuring dealer exhibits, a panel discussion, a "Mad Mappers Picnic," and a keynote address by John Noble Wilford, New York Times columnist and author of *The Mapmakers*. On the next day, speakers include David Woodward (University of Wisconsin-Madison), Denis Wood (North Carolina State University), and Anne Godlewska (Queen's University). The Osher Map Library and Smith Center for Cartographic Education will open officially on 16 October. The library will be home to the Harold L. Osher and Peggy L. Osher Collection, and the Lawrence M. C. and Eleanor Houston Smith Collection of rare maps, atlases, and globes. The Smith and Osher Collections, as they are now known, were donated to the University of Southern Maine in the late 1980s. Materials for the conference will be mailed on 1 July 1994. The deadline for registration and accommodations is 15 September 1994. For more information write University of Southern Maine, Dept. of Conferences, 68 High Street, Portland, ME 04101, or call 207-780-5960.

The Nicholas Copernicus University in Torún, the Military Academy of Artillery, Józef Bem, and the Topographic Service of the Polish Army General Staff in Warsaw are organizing a conference entitled



"Barcelona," from Georg Braun and Frans Hogenberg, *Civitates orbis terrarum*, vol. 1 (Cologne, 1602). The Newberry Library.

Military Cartography of the Baltic Region Countries from the 16th to the 20th Centuries: development, methods, applications, and usefulness in historical research to be held at Torún on 20-22 October 1994. The conference, to be accompanied by exhibitions in Torún and Gdansk, embraces both the historical development of military mapping in the Baltic region and current problems and methods. The official languages of the conference will be English, French, German, Russian, and Polish. Paper submissions and inquiries should be directed to *Military Cartography of the Baltic Region Countries, 16th-20th c.*, Instytut Historii i Archiwistyki UMK, Plac Teatralny 2 a, 87-100 Torún, Poland.

A call for papers has been issued for the 17th International Cartographic Conference, which convenes in Barcelona, Spain on 3-9 September 1995. The conference theme is "Cartography Crossing Borders." The organizing committee for the conference prefers that U.S. authors submit their abstracts to the Screening Committee of the U.S. National Committee for the ICA (USNC/ICA-SC); they will accept abstracts directly only in unusual circumstances. Abstracts should be sent by 1 September 1994 to Mr. Robert W. Marx, Chair, USNC/ICA Papers Committee, c/o Geography Division, U.S. Bureau of the Census, Washington, DC 20233-7400 (phone 301-763-5636; fax 301-763-4749). General information about the conference is available from A. Jon Kimerling, Chair, USNC/ICA, Department of Geosciences, Oregon State University, Corvallis, OR 97331.

The Cultural Ambassador of Flanders, under the High Patronage of His Majesty King Albert II, in association with the International Map Collectors' Society is sponsoring *Flanders & Mercator: A Basis for a New Cartography in the Sixteenth Century*, the Thirteenth International Symposium, International Map Collectors' Society (IMCoS), and the First International Map Collectors' Fair, all to be held in Antwerp, Belgium on 21-24 October 1994. The conjunction of these events marks the four hundredth anniversary of the death of Gerard Mercator. Contact Itzhak Sperling, Voskenslaan 137, B-9000 Gent (phone 32-09-222 31 12; fax 32-09-222 32 97). There will also be an international map fair, organized by Destrée Organisation, Rue des Drapiers 46, B-1050 Brussels (phone 32-2-512 44 42; fax 32-2-502 44 43).

The Portland [Maine] Museum of Art was the recent venue for *Maps, Myths and Monsters*, an exhibit exploring and interpreting the mythological and allegorical figures and scenes that often appeared on early maps. Thirty maps and title pages drawn from the Osher and Smith Cartographic Collections of the University of Southern Maine were featured in the exhibit, which opened on 19 March and closed on 26 June.

An exhibit titled *Essential City: New York Waterfront Survey*, featuring maps and photographs from the collection of the former Department of Ports and Trades, New York City, appeared at the Cooper Union from 20 January to 19 February.

Columbia University was the scene for *The World on Paper: A Celebration of the Mapmaker's Art* from early March until early June 1994.

From 8 April to 22 May, the Japan Society Gallery, 333 E. 47th St., New York, hosted an exhibition entitled *Japan, A Cartographic Vision -- European Printed Maps from the Early 16th to 19th Century*.

Map History Discussion Group

A new forum for persons interested in the history of cartography wishing to exchange ideas and information has been established by David Cobb, Librarian of the Harvard Map Collection. MapHist is a LISTSERV open to all persons interested in the history of cartography, and discussion is encouraged on all aspects of this broad subject. Its main purposes are to encourage individuals to communicate current research; to evaluate methods and tools of analysis; to announce important acquisitions and news; to announce position vacancies; to announce new publications (direct advertising is however discouraged); to investigate library holdings; and to share information between conferences and the appearance of relevant journals. Questions regarding policies or procedures relating to MapHist may be directed to David A. Cobb, Harvard Map Collection, Harvard University, Cambridge, MA 02138; phone (617) 495-2417; E-mail david-cobb@harvard.edu.

Fellowships and Awards

Dr. Catherine Delano Smith has received the IMCoS-Tooley Award for 1994 in recognition of her dedication and hard work in organizing and publicizing the "Maps and Society" lectures in the history of cartography at the Warburg Institute, University of London, over the last three years. Announcing the award at the International Map Collectors' Society (IMCoS) annual dinner in Cambridge, England on 25 June, Valerie Scott, editor of *The Map Collector*, said that the award "recognises the tremendous contribution to the advancement of the history of map and mapping by someone who has not only

attracted visitors from all parts of the world but has also drawn in an impressive array of lecturers from different disciplines and universities worldwide." Dr. Delano Smith gained her degree in geography and her doctorate from Lady Margaret Hall, Oxford. She has had a distinguished career as a university lecturer, and since retiring from Nottingham University has devoted herself to scholarly research and publication and to scholarly activities in London, including the "Maps and Society" lectures and setting up the J. B. Harley Fellowships in the history of cartography.

The first J. B. Harley Research Fellowships in the History of Cartography have recently been announced. Three awards, each valued at £400, were given this year to scholars for research to be conducted in cartographic collections in the London area. The recipients of the awards and their topics were Dr. Mead T. Cain (New York), "The Maps of the Society for the Diffusion of Useful Knowledge" (March 1994); Dr. Claire Lemoine-Isabeau (Musée Royal de l'Armée, Brussels), "Histoire de la cartographie du territoire belge" (April 1994); and Roger A. Starling (University of Toronto), "Topography and Power: English Renaissance Drama and the Production of Space 1580-1640" (1995).

The second J. B. Harley Research Fellowships in the History of Cartography will be awarded in February 1995. Applications are invited (by 1 November 1994) from those pursuing advanced research in any aspect of the history of cartography -- irrespective of nationality, discipline or profession -- who intend to use the resources of the London region. For further details please write to the Hon. Sec., Tony Campbell, British Library Map Library, Great Russell Street, London WC1B 3DG, UK.

The John Carter Brown Library, at Brown University in Providence, is accepting applications for the approximately fifteen research fellowships it will award to scholars wishing to work in residence at the library during the year 1 June 1995 - 31 May 1996. Short-term fellowships are offered to American and foreign nationals engaged in pre- or post-doctoral, or independent, research. Graduate students must have passed their preliminary or general examinations at the time of application. Short-term fellowships cover periods of two to four months and carry a stipend of \$1000 per month. Among these fellowships are the Alexander O. Viator Memorial Fellowship for research in early

maritime history, the Center for New World Comparative Studies Fellowship for research in comparative history of the colonial Americas, and the Jeanette D. Black Memorial Fellowship for research in the history of cartography. The library's long-term fellowships are supported by the National Endowment for the Humanities. Applicants for NEH fellowships may not be engaged in graduate work and must be U.S. citizens or have resided in the U.S. for the three years immediately preceding the term of the fellowship. Long-term fellowships carry a stipend of approximately \$2,600 per month. Travel grants of up to \$500 for stays lasting two to seven weeks are also available. For scholars from Spanish America only, the Library offers Cassiet Travel Grants with reimbursements up to \$2000. All applications must be suited to the holdings of the library. For further information about these programs, the library's collections, and application forms, write the Director, John Carter Brown Library, Box 1894, Providence, RI 02912. The deadline for submission of applications is 15 January 1995.

Two scholars will be Jeanette D. Black Memorial Fellows in the history of cartography at The John Carter Brown Library for the academic year 1994-95. Francesca Fiorani (University of Rome, Italy) was awarded a fellowship for her project, "Cartography and Religion: Protestants, Catholics and the Use of Maps in Renaissance Theological Debates"; and Margaret Pearce (Clark University) will receive support for her work on "Indian Land Deeds of Colonial New England: The Role of Translation in Indigenous Cartographic Processes."

The Washington Map Society is pleased to announce the three winners of its first annual Walter W. Ristow Prize for outstanding graduate student or upper-level undergraduate papers on the history of cartography or equivalent bibliographical studies dealing with cartography. A First Prize award of \$300 went to John Hamer (University of Michigan) for his paper "Worlds Apart: Norman Mappaemundi in England and Sicily." Second prize (\$200) went to Brendan Ford (George Mason University) for "The History of Modern Mapping in Fairfax County, Virginia." Third prize (\$100) went to Aaron B. Retish (University of Wisconsin) for "A Foreign Perception of Russia: An Analysis of Anthony Jenkinson's Map of Russian Muscovy and

Tartaria."

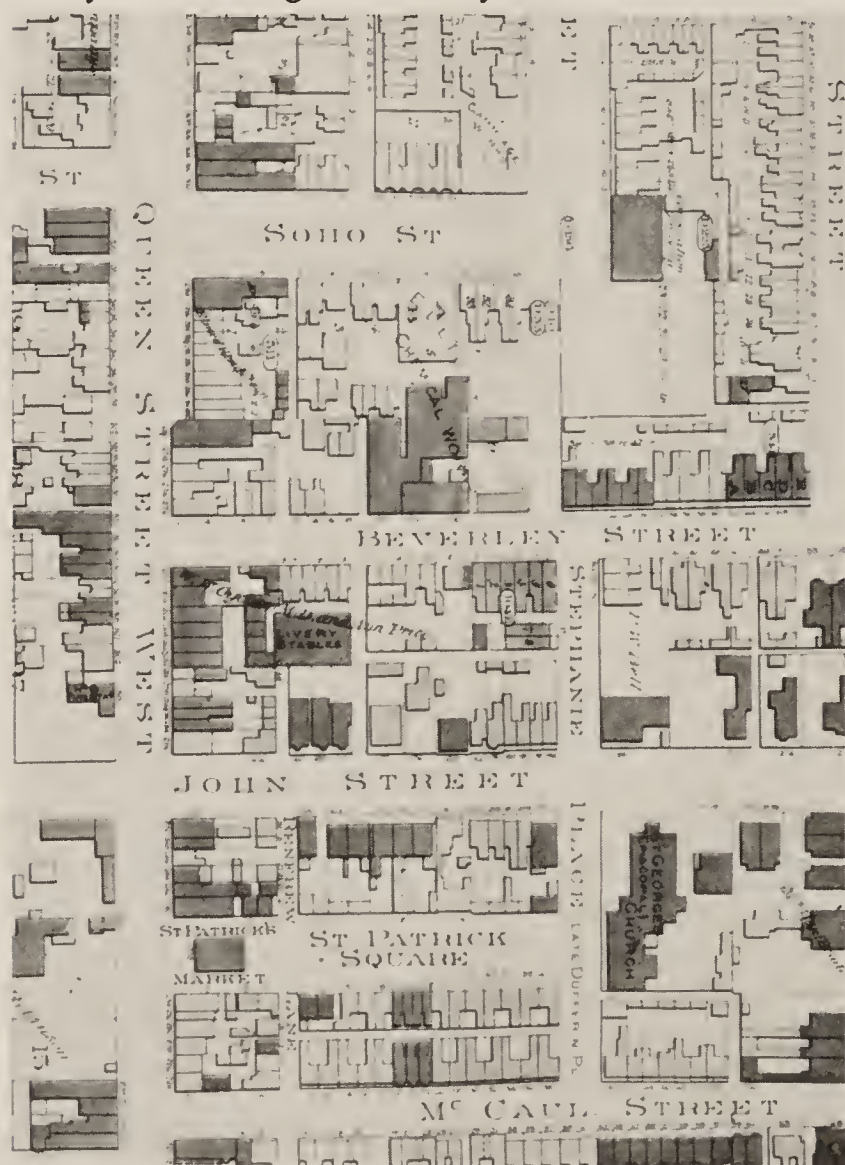
Dr. Michael P. Conzen and Katherine W. Hannaford, of the Committee on Geographical Studies at the University of Chicago, have received a \$36,000 grant from the Illinois Humanities Council to support a two-year development project to compile a *Cultural Map of Illinois*. The map, designed to complement the state highway map in physical size, will present a wide array of cultural and historical data covering the entire state in a decorative and informative format. Through colorful symbols, shading, and labelling, the map will display sites of historical significance, delineate areas of ethnic settlement, physical features and landscape elements that have acquired cultural value, archaeological areas, architectural sites, places with literary, musical, and visual arts associations recognized by local communities -- that is, anything that helps define the local sense of place in a cartographic portrait of the state. Public forums will be held to publicize the project and solicit material for possible inclusion from locally knowledgeable residents. Interested readers are invited to correspond with Michael Conzen, Committee on Geographical Studies, University of Chicago, 5828 S. University Avenue, Chicago, IL 60637-1583.

The New York State Education Department has received a grant from the National Endowment for the Humanities to support the preservation micro-filming of 462 volumes of surveyors' field books and 245 color maps prepared by James Frost (1790-1810) and Verplanck Colvin (1872-1879), and the reformatting of 6712 glass plate and nitrate negatives (1904-1949) that document the exploration, mapping, and protection of land and environmental resources of New York state.

Alan Godfrey Maps, in association with the British Cartographic Society, has announced the creation of an annual award, to be called the Godfrey Award, honoring outstanding map librarians in the British Isles. The honor will carry a cash award of £250 and will be presented at the annual dinner of the British Cartographic Association at their symposium in early September. Nominations for this year's award closed 14 July. Contact: Valerie Fry, BCS Awards Officer, c/o Bartholomew, Unit 4, Manchester Park, Tewkesbury Road, Cheltenham, Gloucestershire, GL51 9EJ, England; fax 0242-222725.

Announcements

The British Library and the National Archives of Canada are cooperating to ensure the survival of Chas. A. Goad's plans of Canadian towns, an important source for the history of Canada. Between 1895 and 1923 the firm of Chas. A. Goad sent their fire insurance plans of Canadian towns to London as copyright deposit. Unfortunately, these were printed on poor quality paper which has become so brittle as to threaten the collection with destruction. The two sets of volumes deposited within Canada have suffered serious damage, and other working copies have been destroyed through use. Following negotiations between the two institutions more than 200 volumes comprising 8000 published sheets of Goad plans in the British Library will be loaned to the National Archives for five years, during which they will be conserved to



Detail from Charles E. Goad, Atlas of Toronto, 1892.

the Library's specifications and filmed both in color and black-and-white microfiche format. The British Library plans will complement and complete the holdings of Goad plans at the National Archives and in other Canadian institutions. In 1999 they will return to the controlled environment of the British Library at St. Pancras accompanied by sets of the fiche. The National Archives of Canada will be granted full reproduction and duplicating rights in the fiche they create, thus ensuring that the images become readily available to Canadian scholars and researchers. While the plans are in Canada the National Archives will provide all reasonable access to scholars. Inquiries about their availability should be made to the Cartographic and Architectural Sector, Visual and Sound Archive, National Archives of Canada, 344 Wellington Street, Ottawa, Ontario, Canada K1A 0N3.

MicroColor International, in cooperation with the National Archives of Canada, has announced the release of a selection of maps on color microfiche. These represent some of the most historically significant maps in the collections of the National Archives of Canada, including nineteen bird's eye views of major cities from 1875 to 1903, land ownership maps from the nineteenth century, and a topographical survey of the Rocky Mountains. A complete catalogue of available maps may be had from MicroColor International Inc., 85 Godwin Avenue, Midland Park, NJ 07432; phone (800) 666-4054; fax (201) 445-2924.

The U.S. Geological Survey in cooperation with the U.S. Board on Geographic Names has just released a digital gazetteer of the United States in CD-ROM format listing almost two million geographic names in the United States. The disk comprises three data bases from the Geographic Names Information System (GNIS), the nation's official automated names repository and the federal governments official toponymic reference. The CD-ROM, with accompanying user manual and software for searching, sorting, displaying, printing and exporting the data may be acquired for \$57 from any USGS Earth Science Information Center. For further information call 800-USA-MAPS.

What may be the first interactive multimedia release relating directly to the history of cartography was announced this June by On/Q Corporation of Montreal. *Charting a New World: Maps of Discovery* was produced in cooperation with the

David M. Stewart Museum and the Canadian Heritage Information Network. The disk recreates the European discovery of America through a selection of 60 maps from the fifteenth through eighteenth centuries as well as navigational instruments from the David M. Stewart Museum. It is published on the World of Wonders label in the Phillips Compact Disc-interactive (CD-i) format. The disk is available from Britannica Learning Materials, the Canadian Heritage Information Network and On/Q Corporation for US\$29.95. Further information about the disk may be had from On/Q Corporation at (800) 463-3425 or (514) 393-3500.

Obituary: Eila Muriel Joyce Campbell 1915-1994

We are sorry to communicate the death of Eila Campbell in London. Eila was born on 31 December 1915 and was educated at Bournemouth High School for Girls and the Diocesan Training College for Teachers in Brighton. She was a schoolteacher from 1934 to 1945, and graduated with honors in Geography from Birkbeck College, University of London in 1941. From 1941 to 1945 she was a full-time assistant in geography at Birkbeck College. She worked under Eva G. R. Taylor, who became her mentor. She was interested in research both in the history of cartography and in historical geography, particularly of settlement. She worked with H. C. Darby on the Domesday Geography project and conducted research on the settlement geography of New Zealand, Fiji, and England. Part of this work was made possible by a research fellowship supported by the New Zealand Federation of University Women and the Government of New Zealand. Between 1948 and 1981, she rose through the ranks of Lecturer, Reader, and Professor/Head of the Geography Department at Birkbeck College, and was an academic governor of the college between 1972 and 1976. Throughout her academic career, Eila served on numerous academic and management committees for both Birkbeck College and the University of London, including as Chair of the Board of Studies in Geography. She was a member of the Council of the Institute of British Geographers

and the Royal Geographical Society (which awarded her the Murchison Award in 1979), and headed both Section E of the British Association and the Royal Society Sub-Committee for Cartography.

Eila was a tireless editor, serving the Hakluyt Society from 1963 to 1983; historians of cartography will remember her most fondly for her dedication to *Imago Mundi*, for which she was a corresponding editor from 1950 to 1974 and Executive Editor from 1974 to 1994.

Eila was a wonderfully generous person, helping many a young researcher (including myself) find the ropes in the international world of the history of cartography, and always providing a welcoming port of call in London, imparting the latest news and giving encouragement. She will be sorely missed by the cartographic and geographic community, especially at the upcoming meeting of the British Cartographic Society (which she had hoped to attend) and the next meeting of the International Society for the History of Cartography in Vienna. She provided a tangible link to the great names of the past -- E. G. R. Taylor and Clifford Darby prominent among them -- and her passing truly signals the end of an era.

David Woodward

Recent Publications

Notices

(Compiled by Eric W. Wolf, with additions by the editor)

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Map Talk

I think they behaved themselves with decorum for quite a time after that, though Mrs. Basil spent so many hours over the accounts of the Ashburnham estate that she got the name of every field by heart. Edward had a huge map of his lands in his harness-room and Major Basil did not seem to mind. I believe that people do not mind much in lonely stations.

From: Ford Madox Ford, *The Good Soldier: A Tale of Passion* (1915; Penguin Books edition, 1991), p. 153.

Submitted by David Buisseret

Calendar

15 September 1994, 5:30 p.m.

Chicago Map Society, the Newberry Library: Dave Tilton and Mark Warhus (University of Wisconsin-Milwaukee), "Archive of North American Indian Maps on CD-ROM."

21-24 September 1994

The International Map Trade Association (IMTA) meets in Portland, Maine. Contact Nancy Edwards, IMTA, PO Box 1789, Kankakee, IL 60901; (815) 939-4627.

13 October 1994, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: Josef Konvitz (OECD, Paris), "Changing France: The Map as a Medium of Design in the 18th Century."

14-15 October 1994

"Reading the World: Historic and Contemporary Perspectives on Maps," will be held at the University of Southern Maine, Portland (see *Briefly Noted*). For information call 207-780-4542.

20-22 October 1994

A conference, "Military Cartography of the Baltic Region Countries from the 16th to the 20th Centuries," will be held at Toruń, Poland (see *Briefly Noted*).

21 October 1994, 5:30 p.m.

Chicago Map Society, the Newberry Library: Richard Talbert (University of North Carolina), "Mapping the Classical World for the Twenty-First Century."

21-24 October 1994

The Thirteenth International Symposium, International Map Collectors' Society (IMCoS), will be held in Antwerp, Belgium. The theme will be "Flanders & Mercator: A Basis for a New Cartography in the 16th Century." (See *Briefly Noted*)

5 November 1994, 11:00 a.m.

The New York Map Society, American Museum of Natural History: Alice Hudson (Chief, Map Division, New York Public Library), "The Role of The New York Map Division during World War II."

10 November 1994, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: David Atkinson (St. David's University College of Wales, Lampeter), "Dangerous Geography: The Geopolitical Cartography of Fascist Italy."

November 1994, 5:30 p.m.

The Chicago Map Society, The Newberry Library: Nina Savar (Northeastern Illinois Planning Commission), "Using GIS in Regional Planning." The date of this program is yet to be determined.

8 December 1994, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn

Square, London: John Williams (University of Pittsburgh), "Beatus and Isidore: Mapping the Apostolic Mission."

8 December 1994

The Chicago Map Society's annual holiday banquet will be held at the Como Inn, 546 N. Milwaukee Ave., Chicago. Reservations are required.

19 January 1995, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: John Leopold (British Museum), "Finding East and West: The Art of Establishing Longitude."

16 February 1995, 5:00 p.m.

Walter Goffart (University of Toronto), "Breaking the Ortelian Mould: The Vogue for Atlases of Universal History, 1747-1830."

18 February 1995

A symposium "Charting the Scottish Seas, 1500-2000," organized by the National Library of Scotland and the Royal Society of Edinburgh, will be held at the Royal Society.

9 March 1995, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: Richard Talbert (University of North Carolina, Chapel Hill), "China and Rome: The Awareness of Space."

20 April 1995, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: Mary Sponberg Pedley (Clements Library, University of Michigan), "'I wish you good health and good sales': Jefferys and Faden Correspond with Their Continental Counterparts, 1773-1783."

9-13 May 1995

A joint meeting of the Western Association of Map Libraries and the Association of Canadian Map Libraries and Archives will be held at the University of British Columbia, Vancouver.

25 May 1995, 5:00 p.m.

Maps and Society lecture series, The Warburg Institute, Woburn Square, London: Evelyn Edson (Piedmont Virginia Community College), "Time on the Map: Medieval Unity of Space and Time."

3-9 September 1995

The 17th International Cartographic Conference convenes in Barcelona, Spain (See *Briefly Noted*).

11-16 September 1995

The 16th International Conference on the History of Cartography will meet in Vienna, Austria. Contact: 16th International Conference on the History of Cartography, c/o Austrian National Library, Map Department and Globe Museum, Josefplatz 1, A-1015 Vienna, Austria.

8-11 October 1995

The 14th International Symposium, International Map Collectors' Society (IMCoS), will be held in association with the California Map Society, San Francisco. Contact: Alfred W. Newman, 1414 Mariposa St., Vallejo, CA 94590; phone & fax (707) 642-9091.